AMENDMENTS TO THE CLAIMS

Please amend claims 1, 11 and 19 as indicated below. The following listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A core wireless engine design comprising:

a transceiver;

a microprocessor;

a standardized interface arrangement adapted to be interconnected to a variety of types of host interfaces implementing a plurality of bus standards; and

a host interface positioned within a field programmable gate array, wherein the host interface configured to interface with the standardized interface arrangement;

wherein the core wireless engine design is adapted to mount on a printed circuit board that is offset from a centerline that defines the thickness of a form factor unit in which the core wireless engine design is housed.

2. (Original) The core wireless engine design of Claim 1 wherein the core wireless engine is designed to fit into a variety of form factor units.

3. (Original) The core wireless engine design of Claim 2 wherein the core wireless engine is designed to fit within PCMCIA and Compact Flash cards.

4. (Canceled)

5. (Canceled)

6. (Original) The core wireless engine design of Claim 1 wherein the variety of host interfaces includes a PCMCIA interface and a Compact Flash card interface.

7. (Previously Presented) The core wireless engine design of Claim 1 wherein the variety of host interfaces includes a PCMCIA interface as well as a Compact Flash interface.

8. (Previously Presented) The core wireless engine design of Claim 2 wherein the variety of form factors includes a Compact Flash form factor.

9. (Previously Presented) The core wireless engine design of Claim 2 wherein the core wireless engine is housed in a form factor that is less than 5 millimeters thick.

10. (Previously Presented) A design according to Claim 1 wherein the core wireless engine is less than 36 millimeters wide and 41 millimeters high.

11. (Currently Amended) A core wireless engine design comprising:

a transceiver;

a microprocessor;

a standardized interface arrangement adapted to be interconnected to a variety of types of host interfaces implementing a plurality of bus standards~~, and~~ ;

a host interface positioned within a field programmable gate array, wherein the host interface configured to interface with the standardized interface arrangement;

wherein the core wireless design is adapted to fit into a variety of form factor units; and

wherein the core wireless engine design is adapted to mount on a printed circuit board that is offset from a centerline that defines the thickness of a form factor unit in which the core wireless engine design is housed.

12. (Canceled)

13. (Canceled)

14. (Original) The core wireless engine design of Claim 11 wherein the standardized interface arrangement includes a standardized set of registers.

15. (Original) The core wireless engine design of Claim 11 wherein the variety of host interfaces include a PCMCIA interface as well as a Compact Flash interface.

16. (Previously Presented) The core wireless engine design of Claim 11 wherein the variety of form factors includes a Compact Flash form factor.

17. (Previously Presented) The core wireless engine design of Claim 11 wherein the core wireless engine is housed in a form factor that is less than 5 millimeters thick.

18. (Previously Presented) A design according to Claim 11 wherein the core wireless engine is less than 36 millimeters wide and 41 millimeters high.

19. (Currently Amended) A core wireless engine design comprising:

a transceiver;

a microprocessor; and

a standardized interface arrangement~~, the standardized interface arrangement~~ adapted to be interconnected to a variety of types of host interfaces implementing a plurality of bus standards, each host interface designed to interface with the standardized interface arrangement,

wherein the core wireless engine design is adapted to fit into a variety of form factor units including PCMCIA and Compact Flash cards, and

wherein the core wireless engine is further adapted to fit within a Handspring Visor Springboard card.

20. (Original) The core wireless engine design of Claim 19 wherein the core wireless design is further adapted to fit within the form factor of a mini PCI card.

21. (Canceled)

22. (Original) The core wireless engine design of Claim 19 wherein the standardized interface arrangement is adapted to be interconnected to a variety of host interfaces.

23. (Original) The core wireless engine design of Claim 19 wherein the variety of host interfaces includes a PCMCIA interface as well as a Compact Flash interface.

24. (Original) The core wireless engine design of Claim 19 wherein the variety of form factors includes a Compact Flash form factor.

25. (Original) The core wireless engine design of Claim 19 wherein the standardized size is less than 5 millimeters thick.

26. (Original) The core wireless engine design of Claim 19 wherein the standardized size is less than 36 millimeters wide and 41 millimeters high.

27. (Previously Presented) A method of producing a wireless modem unit, comprising:

selecting a core wireless design from a number of core wireless engine designs, each core wireless engine design having a standardized interface arrangement adapted to be interconnected to a variety of types of host interfaces implementing a plurality of bus standards, each host interface designed to interface with the standardized interface arrangement, the core wireless design adapted to fit into a variety of form factor units and wherein the core wireless engine is adapted to mount on a printed circuit board that is offset from a centerline that defines the thickness of a form factor unit in which the core wireless engine design is housed; and

selecting a host interface and form factor unit from the variety of host interfaces and variety of form factor units and combining the selected core wireless design and selected hot interface and form factor unit to produce a wireless modem unit.

28. (Original) The method of Claim 27 wherein the variety of host interfaces includes a PCMCIA interface as well as a Compact Flash interface.

29. (Original) The method of Claim 27 wherein the variety of form factors includes a Compact Flash form factor.

30. (Original) The method of Claim 27 wherein the standardized size is less than 5 millimeters thick.

31. (Original) The method of Claim 27 wherein the standardized size is less than 36 millimeters wide and 41 millimeters high.

32. (Canceled)